PATENT

Attorney Docket No. 216541 Client Reference No. 116650.5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Forin et al.

For:

Group Art Unit: 2126

Application No. 09/282,229

Examiner: Ho, The T. RECEIVED

Filed: March 31, 1999

MAY 0 6 2004

A HIGHLY COMPONENTIZED SYSTEM

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ARCHITECTURE WITH OBJECT

Technology Center 2100

MUTATION

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

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In re Appln. of Forin et al. Application No. 09/282,229

The In	ormation Disclosure Statement is being filed:			
	within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as seconth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.			
	after (a), (b), (c) or (d) above, but before the mailing date of a final action unde 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes <i>one</i> of:			
	the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).			
	the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).			
	after the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowand under 37 CFR 1.311, or an action that otherwise closes prosecution in the application and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as so forth in 37 CFR 1.17(p) (see "Fees" below).			
	after the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and within thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below). NOTE: This is for original applications except applications for a design patent, filed on or after May 2 2000, wherein a paper containing only an Information Disclosure Statement in compliance with CFR 1.97 and 1.98 is being filed.			
Copies	of the References			
\boxtimes	Copies of all of the references listed on the enclosed Form 1449 are enclosed herewith.			
	This patent application was filed after June 30, 2003. Accordingly, copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed nerewith (see Official Gazette Notice of August 5, 2003). Copies of other references dentified on the accompanying Form 1449 are enclosed herewith.			

In re Appln. of Forin et al. Application No. 09/282,229

\boxtimes	Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).						
	A copy of the forei	gn search report is enclos	sed herewith.				
	The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:						
	U.S. APPLI	CATIONS	Sı	atus <i>(check o</i>	ne)		
U	S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED		
1.							
2.							
3.							
State	The undersigned hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement. The undersigned hereby states that no item of information contained in the Information						
State	Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.						
	Information Disclo	hereby states that ea sure Statement was cite part application and that	d in a commu	inication from	m a foreign patent		

In re Appln. of Forin et al. Application No. 09/282,229

individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Fees	
	No fee is owed by the applicant(s). The IDS Fee of \$180 under 37 CFR 1.17(p) is enclosed herewith.
Metho	od of Payment of Fees
	Attached is a check in the amount of \$. Charge Deposit Account No. 12-1216 in the amount of \$180.00. (A duplicate copy of this communication is enclosed for that purpose.)
Autho	rization to Charge Additional Fees
	If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)
Instru	ctions as to Overpayment
\boxtimes	Credit Account No. 12-1216. Refund
	Robert T. Wittmann, Reg. No. 54549 LEYDIG, VOIT & MAYER, LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Avenue Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)

Date: April 30, 2004

In re Appln. of Forin et al. Application No. 09/282,229

CERTIFICATE OF MAILING

I hereby certify that this INFORMATION DISCLOSURE STATEMENT (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date:	4-30-04	Karen Hinrichs
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IDS (Revised 5/21/03)

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

2

(Use as many sheets as necessary) Sheet

Complete if Known					
Application Number	09/282,229				
Filing Date	03/31/99	DEOEUVEE			
First Named Inventor	Forin et al	RECEIVED			
Group Art Unit	2126	MAY 0 2-0004			
Examiner Name	The T. Ho	MAY 0 6 2004			
Attorney Docket Number	216541	Technology Contor 21			

OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book. Translation						
Examiner	Doc. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book,					
Initials	No.	magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+		
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	AD	D. Cheriton, "The V Distributed System", "Communications of the ACM, March 1998, Vol.				
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-	ΑK	M. Jones, et al., "An Overview of the Rialto Real-Time Architecture," Proceedings of the				
		Seventh ACM SIGOPS European Workshop, SIGOPS, September 1996, pp. 249-256.				
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		Current Status," Proceedings of the Usenix Mach Symposium USENIX Association, 1991,				
		pp. 13-26.				
		γρ. 10-20.		L		

Examiner Signature	 Date Considered	

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

⁺ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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2

Complete if Known					
Application Number 09/282,229					
Filing Date	March 31, 19	99			
First Named Inventor	Forin et al.	RECEIVED			
Group Art Unit	2126				
Examiner Name	The T. Ho	MAY 0 6 2004			
Attorney Docket Number	216541	Tooknoloou			
		Technology Center 2100			

	OTHER - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	magazine journal serial symposium catalog etc.) date nage(s) volume-issue number (s) publisher city						
		I D. L. L. W. C. L.					
	AO	D. Lee, et al., "Execution Characteristics of Desktop Applications on Windows NT," Proceedings of the 25th International Symposium on Computer Architecture, IEEE, Barcelona, Spain, June 1998, pp. 27-38.					
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,	AR	R. Rashid, "From RIG to Accent to Mach: The Evolution of a Network Operating System," Carnegie-Mellon University Technical Report, August 1987, pp. 1128-1137.					
	AS	M. Rozier, et al., "CHORUS Distributed Operating System," Computing Systems, Fall 1998, Vol. 1, no. 4, pp. 305-370.					
	ΑТ	Torborg, Jay, et al., "Talisman: Commodity Realtime 3D Graphics for the PC," Proceeding of SIGGRAPH96, ACM, August 1996, pp. 353-363.					
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	U.S. PATENT DOCUMENTS							
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Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate		
	ΑV	09/282,238	A1	Forin et al.		03/31/1999		
	AW	09/283,227	A1	Forin et al.		03/31/1999		
	ΑХ	09/283,818	A1	Forin et al.	•	03/31/1999		
	ΑY	09/392,405	A1	Forin et al.		09/09/1999		
•	ΑZ	09/282,656	A1	Forin et al.		03/31/1999		

Examiner S	Signature	Date Considered	·

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